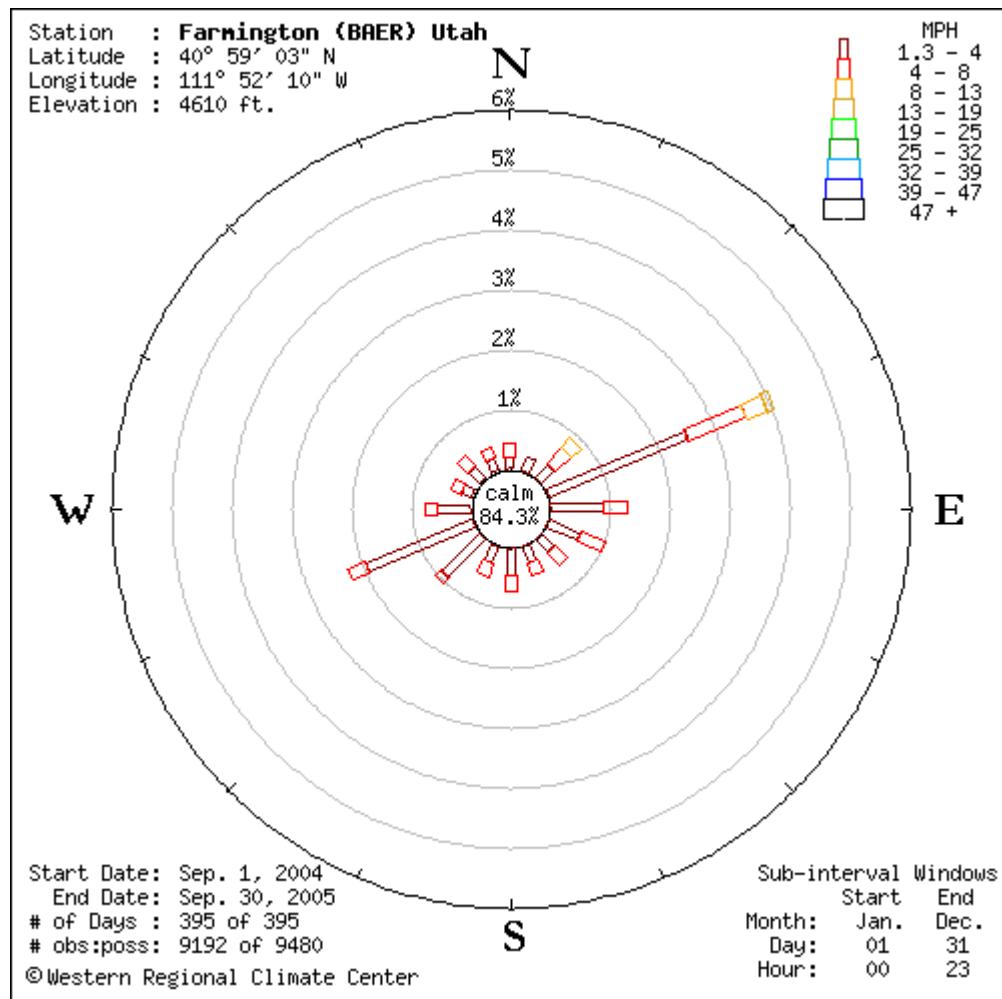


Farmington (BAER) Utah



Farmington (BAER) Utah - Wind Frequency Table (percentage)

Latitude : 40° 59' 03" N
 Longitude : 111° 52' 10" W
 Elevation : 4610 ft.

Start Date : Sep. 1, 2004
 End Date : Sep. 30, 2005
 # of Days : 395 of 395
 # obs : poss : 9192 of 9480

Sub Interval Windows
 Start End
 Month Jan. Dec.
 Day 01 31
 Hour 00 23

(Greater than or equal to initial interval value and Less than ending interval value.)

Range (mph)	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Total
1.3 - 4	0.2	0.2	0.3	2.5	0.9	0.6	0.3	0.3	0.4	0.3	0.9	1.9	0.6	0.2	0.2	0.2	9.9
4 - 8	0.2	0.1	0.4	1.0	0.4	0.4	0.3	0.2	0.3	0.2	0.1	0.3	0.2	0.2	0.2	0.2	4.8
8 - 13	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
13 - 19	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
19 - 25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

25 - 32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32 - 39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39 - 47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47 -	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total(%)	0.4	0.3	0.9	4.0	1.3	1.0	0.6	0.5	0.7	0.5	1.0	2.2	0.7	0.4
Calm (<1.3)														84.3
Ave Speed	4.3	3.7	6.4	5.0	3.8	3.9	4.2	3.9	3.9	4.6	4.2	3.7	3.7	4.3
														0.7

Farmington (BAER) Utah - Hourly Wind Statistics Table

Latitude : 40° 59' 03" N
Longitude : 111° 52' 10" W
Elevation : 4610 ft.

Start Date : Sep. 1, 2004
End Date : Sep. 30, 2005
of Days : 395 of 395
obs : poss : 9192 of 9480

Sub Interval Windows		
Start	End	
Month	Jan.	Dec.
Day	01	31
Hour	00	23

Time - Time of Day (L.S.T.)
Speed - Average (Scalar) Speed in MPH
U-Vel - East-West Velocity, Positive to East
V-Vel - North-South Velocity, Positive to North
Res Spd - Vector Average (resultant) Speed in MPH
Res Dir - Vector Average (resultant) Direction
Dir Con - Directional Constancy (Res Spd/Speed)
Num Spd - Number of Wind Speed Observations
Num Dir - Number of Wind Direction Observations

Time	Speed	U-Vel	V-Vel	Res Spd	Res Dir	Dir Con	Num Spd	Num Dir
0	0.6	0.1	0.4	0.4	70	0.609	380	380
1	0.6	0.1	0.4	0.4	72	0.637	384	384
2	0.6	0.1	0.4	0.4	79	0.686	383	383
3	0.5	0.1	0.4	0.4	67	0.719	381	381
4	0.6	0.1	0.4	0.4	71	0.756	382	382
5	0.5	0.1	0.3	0.3	67	0.728	383	383
6	0.5	0.1	0.3	0.3	63	0.671	382	382
7	0.4	0.1	0.3	0.3	66	0.734	384	384
8	0.4	0.1	0.3	0.3	79	0.707	385	385
9	0.3	0.1	0.1	0.1	56	0.384	384	384
10	0.4	0.1	0.1	0.1	47	0.211	383	383
11	0.5	-0.0	-0.0	0.0	231	0.070	384	384
12	0.7	-0.1	-0.1	0.2	222	0.275	383	383
13	0.8	-0.3	-0.2	0.4	216	0.451	382	382
14	1.1	-0.4	-0.3	0.5	217	0.467	382	382
15	1.2	-0.3	-0.4	0.5	237	0.439	380	380

16	1.2	-0.2	-0.4	0.4	236	0.372	383	383
17	1.0	-0.1	-0.3	0.3	244	0.328	384	384
18	0.7	-0.0	-0.0	0.0	241	0.017	383	383
19	0.6	0.1	0.3	0.4	75	0.613	384	384
20	0.6	0.1	0.4	0.4	77	0.686	382	382
21	0.9	0.2	0.7	0.7	73	0.789	384	384
22	1.0	0.3	0.6	0.6	65	0.648	385	385
23	0.8	0.2	0.5	0.5	71	0.681	385	385
ALL	0.7	0.0	0.2	0.4	83	0.518	9192	9192

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